Supply *at* LPG in Bombay

1997. SHRI SUBRAMANIAN SWAMY: Will the Minister of PETROLEUM AND NATURAL GAS be pleased *to* state:

(a) whether it is a fact that Government have received a representation from the President, Janata Party Maharashtra in March, 1991 regarding delay in supply of LPG to consumers in Bombay:

(b) if so, what action Government have taken thereon; and

′ (c) what steps Government propose to take to solve the problem of frequent disruption in supply of LPG refill in Bombay city?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI B. SHANKARANAND): (a) to (c) No such representation is readily available in the records of the Ministry of Petroleum and Natural Gas.

Efforts are constantly made to ensure that to the extent possible there is no disruption in the availability of LPG to the consumers.

Development of technology by ONGC

1998. SHRI ASHOK NATH VERMA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the ON.G.C. individual ly or in collaboration with research in stitutions developed! technology for va rious captive consumption products or for import substitution;

(b) if so, what are the details thereof and what are the annual requirements for such products, product-wise and the value involved;

(c) whether the O.N.G.C. has trans ferred technical know-how to interested parties for commercialisation of those products; if so, what are the names of the parties, annual requirement, amount involved and or what norms/criteria and the details of buy back guarantee and assistance, If any, offered to such individual/orgtU lisations;

(d) what are the names of the products with annual requirements and amount involved for which technology is yet to be transferred for commercialisation and terms laid down for such transfer; and

(e) what are the names, quantity and value of the bye-products annually produced by ON.G.C. and their distribution/marketing criteria?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI B. SHANKARANAND): (a) Yes, Sir,

(b) to (d) Information is given in the statements I, II and III. *(See* below)

(e) Apart from production of crude oil and gas, ONGC also produces LPG, NGL, microcrystalline wax, tank oottom sludge and Ethane-Propane (C2-C3), which could be termed as by-products. The quantity sold and corresponding value (revenue) against each product during the year 1990-91 is as given below:—

Product	Quantity	Value(Rs. Crores)
LPG (MT) .	875,912	186.10
NGL (MT) .	744,492	134.98
Wax (MT) .	13	0.06
Sludge (MT) .	3301	1.05
C2-C3 (MT) .	27581	11.05

LPG and NGL are supplied to refineries as per the directives of the Ministry for further bottling/processing or export. Microcrystalline wax and tank bottom sludge are sold on th$ basis of open tenders.

Ethane-Propane (C2-C3) is at present sold only to IPCL. for their cracker at Nagothane.